

Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) Weather Division



TROPICAL CYCLONE ADVISORY NO. 4

Super Typhoon "MAWAR"

Issued at 11:00 PM, 25 May 2023 Valid for broadcast until the next advisory at 11:00 AM tomorrow

SUPER TYPHOON "MAWAR" FURTHER INTENSIFIES OVER THE PHILIPPINE SEA

Location of Center (10:00 PM)

The center of the eye of Super Typhoon "MAWAR" was estimated based on all available data at **1,840 km East of Southeastern Luzon (14.7°N, 141.2°E)**

Intensity

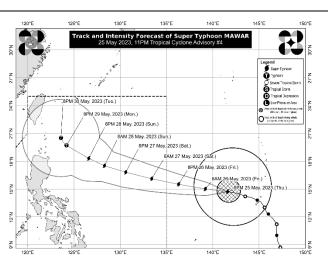
Maximum sustained winds of 205 km/h near the center, gustiness of up to 250 km/h, and central pressure of 910 hPa

Present Movement

West at 20 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to 550 km from the center



TRACK AND INTENSITY FORECAST						
Date and Time	Center Position			Intensity		Movement
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)
12-Hour Forecast 8:00 AM 26 May 2023	15.0	139.2	1,625 km East of Southeastern Luzon	215	STY	W 20
24-Hour Forecast 8:00 PM 26 May 2023	15.5	136.3	1,570 km East of Central Luzon	215	STY	W 25
36-Hour Forecast 8:00 AM 27 May 2023	16.1	133.4	1,205 km East of Central Luzon	205	STY	WNW 25
48-Hour Forecast 8:00 PM 27 May 2023	16.8	130.6	905 km East of Central Luzon	205	STY	WNW 25
60-Hour Forecast 8:00 AM 28 May 2023	17.5	128.3	695 km East of Tuguegarao City, Cagayan	195	STY	WNW 20
72-Hour Forecast 8:00 PM 28 May 2023	18.3	126.6	525 km East of Aparri, Cagayan	195	STY	WNW 15
96-Hour Forecast 8:00 PM 29 May 2023	19.7	124.2	290 km East of Calayan, Cagayan	165	ΤY	WNW 10
120-Hour Forecast 8:00 PM 30 May 2023	20.5	123.6	170 km East of Basco, Batanes	150	ΤY	NW Slowly

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GENERAL OUTLOOK FOR THE FORECAST PERIOD

- Super Typhoon MAWAR is forecast to continue moving westward until tomorrow while accelerating before turning
 more west northwestward on Saturday. On the track forecast, the super typhoon will enter the Philippine Area of
 Responsibility (PAR) tomorrow evening or on Saturday morning. MAWAR will begin to decelerate on Sunday as it
 begins to move closer towards the waters east of Extreme Northern Luzon. The center of MAWAR's eye is forecast
 to be within 300 km of the Batanes-Babuyan archipelago by early next week during the slowdown period.
- MAWAR is forecast to reach its peak intensity within 24 to 36 hours. The super typhoon may slightly weaken by Saturday but is expected to remain as a super typhoon until Sunday or early Monday due to highly favorable environment. MAWAR will then weaken at a slightly faster rate by Monday or Tuesday as unfavorable conditions (e.g., increasing wind shear, cooler sea surface temperature resulting from its slowdown by that time, dry air intrusion) take place.
- Current forecast scenario shows that the typhoon may bring heavy rains (which may trigger flooding or rain-induced landslides) over Northern Luzon beginning late Sunday or on Monday next week. In addition, strong to storm-force conditions may be experienced over Extreme Northern Luzon, while strong to gale-force conditions are possible over the northern and eastern portions of Northern Luzon mainland. This will result in the hoisting of Wind Signals by tomorrow or on Saturday an anticipation of these severe winds.
- MAWAR is also forecast to enhance the Southwest Monsoon which may bring monsoon rains over the western portions of Central Luzon, Southern Luzon, and Visayas beginning on Sunday or Monday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to continue monitoring for updates related to this tropical cyclone.

Unless an intermediate advisory or initial tropical cyclone bulletin is released, the next tropical cyclone advisory will be issued at 11:00 AM tomorrow.

DOST-PAGASA

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